EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	718	715/501.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:31
S2	622	715/530	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/04 10:44
S3	3660	707/2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/04 10:44
S4	3691	707/104.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/04 10:44
S5	3	document and "plural databases" and linkage and information	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/04 10:52
S6	23	document and "plural databases"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/04 16:50
S7	1403	linkage and documents and databases	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/04 10:59
S8	67	linkage and documents and databases and "multiple databases"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/16 15:17
S9	527	"linkage information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/04 16:50

EAST Search History

S10	218	"linkage information" and database	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/04 16:50
S11	0	"2003/0177111"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/16 15:17
S12	2	"20030177111"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/16 15:17
S13	11	"history identifier"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 16:26
S14	156	715/511	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 14:14
S15	2	"6751776".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 16:27
S16	2	"20030028378"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 16:34
S17	2	"6381507".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 16:43
S18	2	"6029140".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 16:44
S19	2	"6034686".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 16:59

EAST Search History

S20	2	"6243721".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 17:01
S21	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 17:01
S22	2	"6789230".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 17:07
S23	2	"20020055950"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 17:12
S24	2	"5884056".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 17:16
S25	2	"6038368".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 17:18
S26	2	"6546399".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 17:18
S27	2	"6243721".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/09 10:52
S28	751	715/501.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S29	518	715/530	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51

EAST Search History

S30	4506	707/2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S31	4475	707/104.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S32	4	document and "plural databases" and linkage and information	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S33	33	document and "plural databases"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S34	2056	linkage and documents and databases	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S35	81	linkage and documents and databases and "multiple databases"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S36	664	"linkage information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S37	301	"linkage information" and database	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S38	2	"2003/0177111"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S39	2	"20030177111"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51

EAST Search History

S40	194	715/511	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S41	14	"history identifier"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S42	2	"6751776".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S43	2	"20030028378"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S44	2	"6381507".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S45	2	"6029140".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S46	2	"6034686".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S47	2	"6243721".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S48	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S49	2	"6789230".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51

EAST Search History

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S51	2	"5884056".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S52	2	"6038368".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S53	2	"6546399".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S54	2	"6243721".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:51
S55	1	"5946689".pn.	USPAT	OR	OFF	2005/08/04 10:00
S56	6	"status identifier" and approval and document and update	USPAT	OR	OFF	2005/11/19 14:14
S57	6	"status identifier" and approval and document and (update or revise)	USPAT	OR	OFF	2005/11/19 14:20
S58	959	status and approval and document and (update or revise)	USPAT	OR	OFF	2005/11/19 14:25
S59	602	status and identifier and approval and document and (update or revise)	USPAT	OR	OFF	2005/11/19 14:25
S60	2	"20030177111"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:13
S61	32	"6484149"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:37

EAST Search History

S62	2	"6484149".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:40
S63	59419	process and document and link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:40
S64	10552	process and document and linkage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:40
S65	164	process and "document set" and linkage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:40
S66	57	process and "document set" and linkage and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:48
S67	4	"process step" and "document set" and linkage and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:49
S68	10254	process and product and development and document and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:50
S69	18984292	process and product and development and document and database @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:50
S70	3544	process and product and development and document and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 12:50
S71	158	process and "product development" and document and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 13:34

EAST Search History

S72	20	"process step" and "product development" and document and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 13:13
S73	158	process and "product development" and document and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:51
S74	2	"6035297".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 13:34
S75	17	"6035297"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 13:47
S76	2	"6035297".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 13:47
S77	2	process and "product development" and "document set" and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 13:49
S78	358	process and "product development" and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 13:57
S79	33	"process step" and "product development" and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:00
S80	158	document and process and "product development" and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:09
S81	33	document and process and "product development" and database and @ad<"20000316" and car	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:17

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S82	17	"6035297"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:13
S83	11	document and "process flow" and "product development" and database and @ad<"20000316" and car	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:17
S84	32	document and "process flow" and "product development" and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:43
S85	24	"5946689"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:20
S86	2	"5946689".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:20
S87	0	document and "process flow" and "product development" and "plural databases" and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:43
S88	0	"document set" and "process flow" and "product development" and databases and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 14:46
S89	169	"product development" and document and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 16:14
S90	628	workflow and document and database and @ad<"20000316"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/07 16:15

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1 Integrated document and workflow management applied to the offer processing of a machine tool company
Stefan Morschheuser, Heinz Raufer
August 1995 **Proceedings of conference on Organizational computing systems**
Publisher: ACM Press
Full text available: pdf(1.29 MB) Additional Information: full citation, abstract, references, citings, index terms

Introducing document and workflow management systems causes two main problems:How can the supported business processes be adequately modeled?How can existing information systems and databases be integrated?Within this paper, we present tools, methods and other approaches, which are designed to solve these problems. They are illustrated by the offer processing of a machine tool company. This process starts with a custome ...

2 Workflow technology: trade-offs for business process re-engineering
Keith D. Swenson, Kent Irwin
August 1995 **Proceedings of conference on Organizational computing systems**
Publisher: ACM Press
Full text available: pdf(868.25 KB) Additional Information: full citation, abstract, references, citings, index terms

The relationship is examined between Business Process Reengineering (BPR), a significant new management trend across all industries, and Workflow Technology a new and rapidly expanding sector of the software market. Since Workflow is a market driven technology, in order to make a meaningful analysis, we start by presenting the current state of the art in workflow technology, as uncovered by our work within the Workflow Management Coalition. Some aspects of workflow are found to be w ...

3 Process integration: A unified process for software and documentation development
Michael Priestley, Mary Hunter Utt
September 2000 **Proceedings of IEEE professional communication society international professional communication conference and Proceedings of the 18th annual ACM international conference on Computer documentation: technology & teamwork**
Publisher: IEEE Educational Activities Department
Full text available: pdf(878.38 KB) Additional Information: full citation, abstract, references, citings

This paper proposes integration of the documentation development process into the Rational Unified Process (RUP), a formal development process for software applications. Specifically, the paper identifies (in RUP parlance) the workers in the process (such as technical writer, information architect), the artifacts required by and produced by the documentation process (including concept, task, and reference documentation), and the documentation development workflow (the activities of the workers w ...

4 Automated process support for organizational and personal processes

Kevin Gary, Tim Lindquist, Harry Koehnemann, Ly Sauer

November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work: the integration challenge**

Publisher: ACM Press

Full text available: pdf(1.22 MB) Additional Information: full citation, references, index terms

Keywords: components, personal process, workflow

5 Document analysis 2: Dynamic collaborative business processes within documents

Thomas B. Hodel, Harald Gall, Klaus R. Dittrich

October 2004 **Proceedings of the 22nd annual international conference on Design of communication: The engineering of quality documentation**

Publisher: ACM Press

Full text available: pdf(335.58 KB) Additional Information: full citation, abstract, references, index terms

Effective collaborate business process support is essential in today's business. In this paper, we address this aspect within documents. Often, such text documents are stored unsystematically in a rather confusing file structure with an inscrutable hierarchy and little access control. Business data, on the other hand, are stored in a systematic way in databases allowing multi-user, multi-site, user-/role-specific controlled access. We store text documents in databases and exploit these databa ...

Keywords: categories, collaborative document processing, computer supported cooperative work (CSCW), document business process technologies, native text database

6 Workflow enactment with continuation and future objects

Dragos A. Manolescu

November 2002 **ACM SIGPLAN Notices , Proceedings of the 17th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '02**, Volume 37 Issue 11

Publisher: ACM Press

Full text available: pdf(322.59 KB) Additional Information: full citation, abstract, references, citings, index terms

An increasing number of software developers are turning to workflow to separate the logic and the control aspects in their applications, thus making them more amenable to change. However, in spite of recent efforts to standardize and provide reusable workflow components, many developers build their own. This is a challenging endeavor and involves solving problems which seem incompatible with the object paradigm and current object-oriented programming languages. In the context of an object-orient ...

Keywords: continuations, future objects, micro-workflow, trampolined style, workflow

7 Techniques for document management and document engineering: Document

digitization lifecycle for complex magazine collection
Sherif Yacoub, John Burns, Paolo Faraboschi, Daniel Ortega, Jose Abad Peiro, Vinay Saxena
November 2005 **Proceedings of the 2005 ACM symposium on Document engineering DocEng '05**
Publisher: ACM Press
Full text available: pdf(540.79 KB) Additional Information: full citation, abstract, references, index terms

The conversion of large collections of documents from paper to digital formats that are suitable for electronic archival is a complex multi-phase process. The creation of good quality images from paper documents is just one phase. To extract relevant information that they contain, with an accuracy that fits the purpose of target applications, an automated document analysis system and a manual verification/review process are needed. The automated system needs to perform a variety of analysis and ...

Keywords: document analysis and understanding, document digitization, document engineering, preservation of historical content

8 Lineage retrieval for scientific data processing: a survey
Rajendra Bose, James Frew
March 2005 **ACM Computing Surveys (CSUR)**, Volume 37 Issue 1
Publisher: ACM Press
Full text available: pdf(728.75 KB) Additional Information: full citation, abstract, references, index terms

Scientific research relies as much on the dissemination and exchange of data sets as on the publication of conclusions. Accurately tracking the lineage (origin and subsequent processing history) of scientific data sets is thus imperative for the complete documentation of scientific work. Researchers are effectively prevented from determining, preserving, or providing the lineage of the computational data products they use and create, however, because of the lack of a definitive model for lineage ...

Keywords: Data lineage, audit, data provenance, scientific data, scientific workflow

9 Getting some perspective: using process descriptions to index document history
Paul Dourish, Richard Bentley, Rachel Jones, Allan MacLean
November 1999 **Proceedings of the international ACM SIGGROUP conference on Supporting group work**
Publisher: ACM Press
Full text available: pdf(1.53 MB) Additional Information: full citation, abstract, references, citings, index terms

Process descriptions are used in workflow and related systems to describe the flow of work and organisational responsibility in business processes, and to aid in coordination. However, the division of a working process into a sequence of steps provides only a partial view of the work involved. In many cases, the performance of individual tasks in a larger process may depend on interpretations and understandings of how other aspects of the work were conducted.We p ...

Keywords: awareness, process execution, process modeling, visualisation, workflow

10 Workflow redesign through consolidation in information-intensive business processes
Rajiv Dewan, Abraham Seidmann, Zhiping Walter
December 1997 **Proceedings of the eighteenth international conference on Information systems**
Publisher: Association for Information Systems

Full text available: pdf(104.95 KB) Additional Information: full citation, references, citings

Keywords: business process reengineering, document management, electronic documents, job design, work flow

11 Coordination models, languages and applications (CM): Orchestrating document-based workflows with X-Folders

Davide Rossi
March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**
Publisher: ACM Press
Full text available: pdf(198.06 KB) Additional Information: full citation, abstract, references

This paper introduces X-Folders: a software environment for multi-party document-based processes that aims at supporting the implementation of workflow processes involving multiple users that interact by means of documents stored in special, reactive, folders. When the documents inside a folder reach a given state a task is triggered, tasks orchestrate a set of web services in order to enact the workflow. X-Folders is based on a model that promotes the implementation of applications distributed ...

Keywords: CSCW, coordination, orchestration, peer-to-peer, workflows

12 Workflow management systems for financial services

Thomas Schael, Buni Zeller
December 1993 **Proceedings of the conference on Organizational computing systems**
Publisher: ACM Press
Full text available: pdf(1.46 MB) Additional Information: full citation, references, citings, index terms

Keywords: business process automation, computer supported cooperative work, customer satisfaction, groupware, office automation, office procedure, process reengineering, workflow management technology, workgroup computing

13 Process and workflow management: Introducing eservices in business process models

Lerina Aversano, Gerardo Canfora
July 2002 **Proceedings of the 14th international conference on Software engineering and knowledge engineering SEKE '02**
Publisher: ACM Press
Full text available: pdf(249.37 KB) Additional Information: full citation, abstract, references, citings, index terms

The need for automatic support of business processes that extend over the boundaries of an enterprise is a recognized need of emerging virtual organizations. To make workflow technologies useful during the enactment of business processes involving many partners that reciprocally provide and consume services, it is important to provide a model, and supporting technologies, to manage the introduction of services in workflow models.This paper introduces a framework for the introduction of eServices ...

Keywords: eservices, process models, workflow management

14 Integrated process management: from planning to work execution
Ali Bahrami
March 2005 **Proceedings of the IEEE EEE05 international workshop on Business services networks BSN '05**
Publisher: IEEE Press
Full text available: pdf(312.76 KB) Additional Information: full citation, abstract, references

Project management tools are used to manage projects from time as well as from resource leveling perspectives. Workflow management systems guide users through processes by driving the processes based on formal process definitions also called workflow types. This paper describes integrated process management system that will integrate project management, business process modeling, simulation and workflow technologies in order to support scheduled workflow execution. The target will be achieved by ...

15 How can cooperative work tools support dynamic group process? bridging the specificity frontier
Abraham Bernstein
December 2000 **Proceedings of the 2000 ACM conference on Computer supported cooperative work**
Publisher: ACM Press
Full text available: pdf(200.96 KB) Additional Information: full citation, abstract, references, citings, index terms

In the past, most collaboration support systems have focused on either automating fixed work processes or simply supporting communication in ad-hoc processes. This results in systems that are usually inflexible and difficult to change or that provide no specific support to help users decide what to do next.

This paper describes a new kind of tool that bridges the gap between these two approaches by flexibly supporting processes at many points along the spectrum: from highly specified ...

Keywords: dynamic/improvisational change, mixed-initiative systems, process specificity, process support system

16 Customizing internal activity behaviour for flexible process enforcement
Belinda M. Carter, Joe Y. C. Lin, Maria E. Orlowska
January 2004 **Proceedings of the fifteenth conference on Australasian database - Volume 27 CRPIT '04**
Publisher: Australian Computer Society, Inc.
Full text available: pdf(129.79 KB) Additional Information: full citation, abstract, references

Workflow technology has met with success in a variety of industries, although several limitations have emerged. One such drawback is the inflexibility of specification languages, including a lack of support for inter-task dependencies. Expressiveness of the specification language is believed to be a determining factor of workflows applicability and its industrial value as solution for process support.This paper attempts to address this limited language expressiveness by suggesting an alternative ...

Keywords: business process modelling, inter-task dependencies, task behaviour, verification, workflow

17 Engineering e-learning systems (ELS): Carrying on the e-learning process with a workflow management engine
Mirko Cesarini, Mattia Monga, Roberto Tedesco

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**
Publisher: ACM Press
Full text available: pdf(209.38 KB) Additional Information: full citation, abstract, references, index terms

In recent years e-learning systems have promised to change the way people learn. However open issues still remain, in particular actual e-learning environments do not consider learning activities as part of the process of learning. Thus, it is not possible to define structured courses and specify precise learning paths apt to guide learners through learning materials. In our approach, we define courses as workflows. By so doing we can exploit powerful procedural rules in order to define precise ...

Keywords: Workflow Mgmt Systems, e-learning, learning objects

18 Live documents with contextual, data-driven information components
Anke Weber, Holger M. Kienle, Hausi A. Müller
October 2002 **Proceedings of the 20th annual international conference on Computer documentation**
Publisher: ACM Press
Full text available: pdf(627.10 KB) Additional Information: full citation, abstract, references, citings, index terms

We introduce the notion of a live document and we describe our concept of live documents with contextual, data driven information components. The dynamic and interactive features of live documents provide a consistent data source for multimedia presentations targeted to various audiences and multiple platforms. Therefore, they contribute to the solution of key challenges in single sourcing and repurposing. We motivate the use of live documents with sample scenarios from the field of systems docu ...

Keywords: Microsoft Office, live documents, repurposing, reverse engineering, scalable vector graphics, single sourcing, software engineering, systems documentation

19 Session 3: An architecture for the interoperability of workflow models
Hamri Salah, Boufaida Mahmoud, Boudjlida Nacer
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The goal of this work is to contribute to the field of interoperability of Workflow models. To achieve interoperability, we have built a generic architecture that addresses three levels of abstraction: a common meta-model that the Workflow models must share, a common model that they enact collectively, and a common data model whose management is shared. So, the approach we have adopted is based on a strategy of uniformity to solve the problems related to the semantic, syntactic and execution pla ...

Keywords: canonical model, common meta-model, event, interoperability, process, semantic, workflow model

20 KM-4 (knowledge management): distributed knowledge management: Towards smarter documents
Vikas Krishna, Prasad M. Deshpande, Savitha Srinivasan
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Document analysis research typically focuses on document image understanding or classic problems in text classification, clustering, summarization and discovery. While that is an important aspect of document management, in practice, documents lifecycles are often determined by the context of the business process that they are relevant to. It therefore becomes necessary for the document analysis techniques to recognize and leverage the contextual information provided by a supporting schema and ...

Keywords: classification, content, processes, workflow

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